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NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 AUG 06 CAS REGISTRY enhanced with new experimental property tags
NEWS 3 AUG 06 FSTA enhanced with new thesaurus edition
NEWS 4 AUG 13 CA/CAPLUS enhanced with additional kind codes for granted patents
NEWS 5 AUG 20 CA/CAPLUS enhanced with CAS indexing in pre-1907 records
NEWS 6 AUG 27 Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS 7 AUG 27 USPATOLD now available on STN
NEWS 8 AUG 28 CAS REGISTRY enhanced with additional experimental spectral property data
NEWS 9 SEP 07 STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS 10 SEP 13 FORIS renamed to SOFIS
NEWS 11 SEP 13 INPADOCDB enhanced with monthly SDI frequency
NEWS 12 SEP 17 CA/CAPLUS enhanced with printed CA page images from 1967-1998
NEWS 13 SEP 17 CAPLUS coverage extended to include traditional medicine patents
NEWS 14 SEP 24 EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS 15 OCT 02 CA/CAPLUS enhanced with pre-1907 records from Chemisches Zentralblatt
NEWS 16 OCT 19 BEILSTEIN updated with new compounds
NEWS 17 NOV 15 Derwent Indian patent publication number format enhanced
NEWS 18 NOV 19 WPIX enhanced with XML display format
NEWS 19 NOV 30 ICSD reloaded with enhancements
NEWS 20 DEC 04 LINPADOCDB now available on STN
NEWS 21 DEC 14 BEILSTEIN pricing structure to change
NEWS 22 DEC 17 USPATOLD added to additional database clusters
NEWS 23 DEC 17 IMSDRUGCONF removed from database clusters and STN
NEWS 24 DEC 17 DGENE now includes more than 10 million sequences
NEWS 25 DEC 17 TOXCENTER enhanced with 2008 MeSH vocabulary in MEDLINE segment
NEWS 26 DEC 17 MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary
NEWS 27 DEC 17 CA/CAPLUS enhanced with new custom IPC display formats
NEWS 28 DEC 17 STN Viewer enhanced with full-text patent content from USPATOLD
NEWS 29 JAN 02 STN pricing information for 2008 now available

NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

NEWS HOURS STN Operating Hours Plus Help Desk Availability

NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:09:11 ON 05 JAN 2008

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 15:09:26 ON 05 JAN 2008

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STRUCTURE FILE UPDATES: 4 JAN 2008 HIGHEST RN 960040-46-4

DICTIONARY FILE UPDATES: 4 JAN 2008 HIGHEST RN 960040-46-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

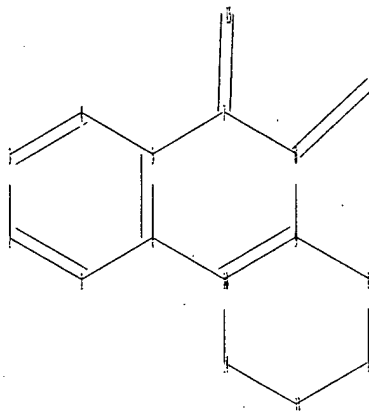
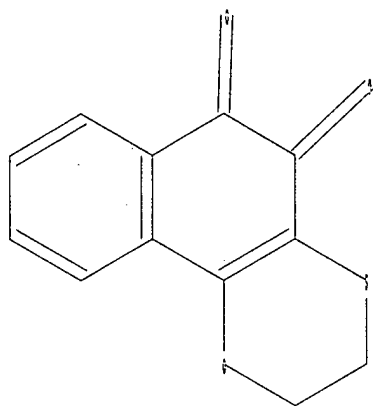
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10810260\Struc 1.str



chain nodes :

15 16

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14

chain bonds :

7-15 8-16

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 9-11 10-14 11-12 12-13 13-14

exact/norm bonds :

5-7 6-10 7-8 7-15 8-9 8-16 9-10 9-11 10-14 11-12 12-13 13-14

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

Match level :

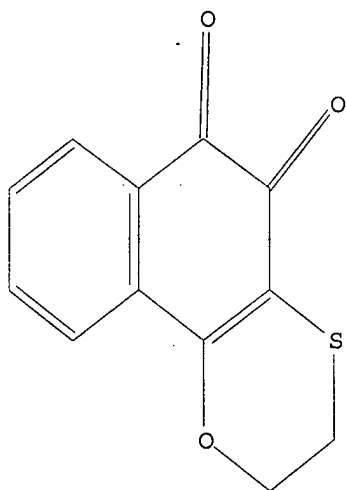
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> l1

SAMPLE SEARCH INITIATED 15:09:54 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 63 TO ITERATE

100.0% PROCESSED 63 ITERATIONS 19 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 784 TO 1736
PROJECTED ANSWERS: 119 TO 641

L2 19 SEA SSS SAM L1

=> l1 full

FULL SEARCH INITIATED 15:10:00 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1320 TO ITERATE

100.0% PROCESSED 1320 ITERATIONS 268 ANSWERS
SEARCH TIME: 00.00.01

L3 268 SEA SSS FUL L1

=> file caplus

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FILE 'CAPLUS' ENTERED AT 15:10:03 ON 05 JAN 2008
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FILE COVERS 1907 - 5 Jan 2008 VOL 148 ISS 2
FILE LAST UPDATED: 4 Jan 2008 (20080104/ED)

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=> l3

L4 1 L3

=> d ibib abs

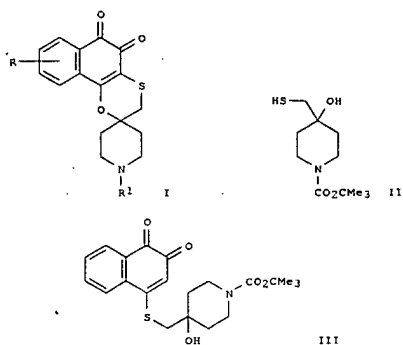
L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:1395331 CAPLUS
DOCUMENT NUMBER: 148:33543
TITLE: Novel lapachone compounds and methods of use thereof
INVENTOR(S): Ashwell, Mark; Tandon, Manish; Lapierre, Jean-Marc;
Ali, Syed; Vansel, David; Li, Chiang J.
PATENT ASSIGNEE(S): Arqule, Inc., USA
SOURCE: PCT Int. Appl., 203pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007:139569	A1	2007:1206	WO 2006-US32660	20060821
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LP, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CP, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

PRIORITY APPLN. INFO.: US 2006-808861P P 20060526

G1

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



AB Novel tricyclic spiro-oxathiine naphthoquinone deriva., such as I (R = H, OMe, substituted or unsubstituted Ph, halogen, etc.; R1 = acyl, alkyl, carboxy, carbocyclic, aryl, heteroaryl, etc.), were prepared and are therapeutically useful in inducing cell death and/or to inhibiting proliferation of cancer or precancerous cells were. These naphthoquinone deriva. are analogs of β -lapachone, a naphthoquinone derived from lapachol isolated from *Tabebuia avellanae*. These naphthoquinone deriva. are analogs of β -lapachone, and may be use in combination with a second chemotherapeutic agent, such as tamoxifen, raloxifene, anastrozole, exemestane, letrozole, cisplatin, carboplatin, paclitaxel, cyclophosphamide, lovastatin, minosine, gemcitabine, araC, 5-fluorouracil, methotrexate, docetaxel, goserelin, vincristin, vinblastin, nocodazole, teniposide, etoposide, epothilone, navelbine, camptothecin, daunorubicin, dactinomycin, mitoxantrone, amacrine, doxorubicin, epirubicin, idarubicin, imatinib, gefitinib, erlotinib, sorafenib, sunitinib malate, trastuzumab, rituximab, cetuximab, and bevacizumab. Thus, naphthoquinone derivative I (R = H, R1 = 2-furanylcarbonyl) was prepared via a reaction of 4-chloro-1,2-naphthalenedione with piperidine derivative II using K2CO2 in MeCN, an intramol. spirocyclization/N-deprotection reaction of the resulting alc. III using TFA and NaIO3 in CH2Cl2, and finally, N-acylation

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
of the resulting spirocyclic piperidine I (R = R1 = H) with 2-furancarboxyl chloride using Et3N in CH2Cl2. The prep. naphthoquinone deriva. were assayed for antiproliferative activity against a no. of cancer cell lines, such as DLD-1 and HT-29 human colon carcinoma.
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

Page 7

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

3.87

182.44

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

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-0.80

STN INTERNATIONAL LOGOFF AT 15:11:20 ON 05 JAN 2008